0590
0507

#6

ENTERED   OIPE

RAW SEQUENCE LISTING   DATE: 05/02/2002
PATENT APPLICATION: US/10/043,615   TIME: 17:24:13

Input Set : A:\266_118.ST25.txt
Output Set: N:\CRF3\05022002\J043615.raw

```
       3 <110> APPLICANT: Variagenics, Inc
       5 <120> TITLE OF INVENTION: Base-Modified Nucleotides and Their Use for Polymorphism
Detection
       7 <130> FILE REFERENCE: 266/118
       9 <140> CURRENT APPLICATION NUMBER: US 10/043,615
C--> 10 <141> CURRENT FILING DATE: 2002-04-19
      12 <160> NUMBER OF SEQ ID NOS: 15
      14 <170> SOFTWARE: PatentIn version 3.1
      16 <210> SEQ ID NO: 1
      17 <211> LENGTH: 69
      18 <212> TYPE: DNA
      19 <213> ORGANISM: Artificial Sequence
      21 <220> FEATURE:
      22 <223> OTHER INFORMATION: Hypothetical sequence prepared to demonstrate method of
invention
      23
      25 <400> SEQUENCE: 1
      26 aactggacag cacagacttc accaggcacc atcaagctgc tgaatgaaaa ttcatatgtc    60
      28 cctcgtgag                                                            69
      31 <210> SEQ ID NO: 2
      32 <211> LENGTH: 71
      33 <212> TYPE: DNA
      34 <213> ORGANISM: Artificial Sequence
      36 <220> FEATURE:
      37 <223> OTHER INFORMATION: Hypothetical sequence prepared to demonstrate method of
invention
      38
      40 <400> SEQUENCE: 2
      41 ctttgacctg tcgtgtctga agtggtccgt ggtagttcga cgacttactt ttaagtatac    60
      43 agggagcact c                                                         71
      46 <210> SEQ ID NO: 3
      47 <211> LENGTH: 66
      48 <212> TYPE: DNA
      49 <213> ORGANISM: Artificial Sequence
      51 <220> FEATURE:
      52 <223> OTHER INFORMATION: Hypothetical sequence prepared to demonstrate method of
invention
      53
      55 <400> SEQUENCE: 3
      56 ctgaagagaa agttgtcgga gaaactggac agcacagact tcaccaggca ccatcaagct    60
      58 gctgaa                                                               66
      61 <210> SEQ ID NO: 4
      62 <211> LENGTH: 65
      63 <212> TYPE: DNA
```

64 <213> ORGANISM: Artificial Sequence
66 <220> FEATURE:
67 <223> OTHER INFORMATION: Hypothetical sequence prepared to demonstrate method of
invention

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/043,615

DATE: 05/02/2002
TIME: 17:24:13

Input Set : A:\266_118.ST25.txt
Output Set: N:\CRF3\05022002\J043615.raw

```
  68         .
  70  <400> SEQUENCE: 4
  71  acaactcttt caacagcctc tttgacctgt cgtgtctgaa gtggtccgtg gtagttcgac    60
  73  gactt                                                               65
  76  <210> SEQ ID NO: 5
  77  <211> LENGTH: 66
  78  <212> TYPE: DNA
  79  <213> ORGANISM: Artificial Sequence
  81  <220> FEATURE:
  82  <223> OTHER INFORMATION: Hypothetical sequence prepared to demonstrate method of
invention
  83          ,
  85  <400> SEQUENCE: 5
  86  tgaagagaaa gttgtcggag aaactggaca gcacagactt cacaggcacc atcaagctgc    60
  88  tgaatg                                                              66
  91  <210> SEQ ID NO: 6
  92  <211> LENGTH: 67
  93  <212> TYPE: DNA
  94  <213> ORGANISM: Artificial Sequence
  96  <220> FEATURE:
  97  <223> OTHER INFORMATION: Hypothetical sequence prepared to demonstrate method of
invention
  98          ,
 100  <400> SEQUENCE: 6
 101  acaactcttt caacagcctc tttgacctgt cgtgtctgaa gtggtccgtg gtagttcgac    60
 103  gacttac                                                             67
 106  <210> SEQ ID NO: 7
 107  <211> LENGTH: 82
 108  <212> TYPE: DNA
 109  <213> ORGANISM: Artificial Sequence
 111  <220> FEATURE:
 112  <223> OTHER INFORMATION: 82 nt sequence from transferrin receptor amplified using
modified
 113        nucleotide.
 115  <400> SEQUENCE: 7
 116  gaaactggac agcacagact tcaccagcac catcaagctg ctgaatgaaa attcatatgt    60
 118  ccctcgtgag gctggatctc aa                                            82
 121  <210> SEQ ID NO: 8
 122  <211> LENGTH: 82
 123  <212> TYPE: DNA
 124  <213> ORGANISM: Artificial Sequence
 126  <220> FEATURE:
 127  <223> OTHER INFORMATION: 82 nt sequence from transferrin receptor with polymorphism
amplif
 128        ied with modified nucleotide.
 130  <400> SEQUENCE: 8
 131  ctttgacctg tcgtgtctga agtggtcgtg gtagttcgac gacttacttt taagtataca    60
 133  gggagcactc cgacctagag tt                                            82
 136  <210> SEQ ID NO: 9
 137  <211> LENGTH: 25
 138  <212> TYPE: DNA
 139  <213> ORGANISM: Artificial Sequence
 141  <220> FEATURE:
```

RAW SEQUENCE LISTING   DATE: 05/02/2002
PATENT APPLICATION: US/10/043,615   TIME: 17:24:13

Input Set : A:\266_118.ST25.txt
Output Set: N:\CRF3\05022002\J043615.raw

```
142 <223> OTHER INFORMATION: Fragment obtained from cleavage of sequence in Fig. 7A.
144 <400> SEQUENCE: 9
145 gaaactggac agcacagact tcacc                                          25
148 <210> SEQ ID NO: 10
149 <211> LENGTH: 28
150 <212> TYPE: DNA
151 <213> ORGANISM: Artificial Sequence
153 <220> FEATURE:
154 <223> OTHER INFORMATION: Fragment obtained from cleavage of sequence in Fig. 7A.
156 <400> SEQUENCE: 10
157 gaaactggac agcacagact tcaccggc                                       28
160 <210> SEQ ID NO: 11
161 <211> LENGTH: 22
162 <212> TYPE: DNA
163 <213> ORGANISM: Artificial Sequence
165 <220> FEATURE:
166 <223> OTHER INFORMATION: Fragment obtained from cleavage of sequence in Fig. 7A.
168 <400> SEQUENCE: 11
169 gggagcactc cgacctagag tt                                             22
172 <210> SEQ ID NO: 12
173 <211> LENGTH: 13
174 <212> TYPE: DNA
175 <213> ORGANISM: Artificial Sequence
177 <220> FEATURE:
178 <223> OTHER INFORMATION: Fragment obtained from cleavage of sequence in 7A.
180 <400> SEQUENCE: 12
181 cctgtcgtgt ctg                                                       13
184 <210> SEQ ID NO: 13
185 <211> LENGTH: 11
186 <212> TYPE: DNA
187 <213> ORGANISM: Artificial Sequence
189 <220> FEATURE:
190 <223> OTHER INFORMATION: Fragment obtained from cleavage of sequence in 7A.
192 <400> SEQUENCE: 13
193 gtggtcgtgg t                                                         11
196 <210> SEQ ID NO: 14
197 <211> LENGTH: 11
198 <212> TYPE: DNA
199 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
202 <223> OTHER INFORMATION: Fragment obtained from cleavage of sequence in 7A.
204 <400> SEQUENCE: 14
205 gtggccgtgg t                                                         11
208 <210> SEQ ID NO: 15
209 <211> LENGTH: 11
210 <212> TYPE: DNA
211 <213> ORGANISM: Artificial Sequence
213 <220> FEATURE:
214 <223> OTHER INFORMATION: Fragment obtained from cleavage of sequence in 7A.
```

RAW SEQUENCE LISTING   DATE: 05/02/2002
PATENT APPLICATION: US/10/043,615   TIME: 17:24:13

Input Set : A:\266_118.ST25.txt
Output Set: N:\CRF3\05022002\J043615.raw

216 <400> SEQUENCE: 15
217 tgtccctcgt g   11

VERIFICATION SUMMARY   DATE: 05/02/2002
PATENT APPLICATION: US/10/043,615   TIME: 17:24:14

Input Set : A:\266_118.ST25.txt
Output Set: N:\CRF3\05022002\J043615.raw

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date